

## PLM Summary Report

Steve Moody Micro Services, LLC

2051 Valley View Lane

Farmers Branch, TX 75234 Phone: (972) 241-8460

NVLAP Lab Code 102056-0

TDSHS License No. 30-0084

Client : Terracon - Fort Worth, TX

Lab Job No. : 13B-04377

Project : West Fertilizer Plant, West, Texas

Report Date : 04/22/2013

Project # : Not Provided

Sample Date : 04/21/2013

Identification : Asbestos, Bulk Sample Analysis

Test Method : Polarized Light Microscopy / Dispersion Staining (PLM/DS)  
EPA Method 600 / R-93 / 116

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On 4/22/2013, twelve (12) bulk material samples were submitted by Kyle Burroughs of Terracon - Fort Worth, TX for asbestos analysis by PLM/DS. The PLM Detail Report is attached; additional information may be found therein. The results are summarized below:

Sample Number	Client Sample Description / Location	Asbestos Content
1	Debris (Black), West Fertilizer Plant	None Detected - Fiber Board
2	Debris (Black), West Fertilizer Plant	None Detected - Tar Paper
3	Debris (Gray / Black), West Fertilizer Plant	None Detected - Roofing Material
4	Debris (Tan), West Fertilizer Plant	None Detected - Fiberglass Debris
5	Debris (Gray / Black), West Fertilizer Plant	None Detected - Roofing Material None Detected - Roofing Tar
6	Debris (Black), West Fertilizer Plant	None Detected - Roofing Tars None Detected - Roofing Felts None Detected - Fiber Board
7	Debris (Gray / Yellow), West Fertilizer Plant	None Detected - Foam Insulation None Detected - Facing Material
8	Debris (Black), West Fertilizer Plant	None Detected - Fiber Board
9	Debris (White), West Fertilizer Plant	None Detected - Drywall Material None Detected - Paint
10	Wall Texture and Drywall, Green Building	None Detected - Drywall Material None Detected - Texture
11	Wall Texture and Drywall, Green Building	None Detected - Drywall Material None Detected - Texture
12	Wall Texture and Drywall, Green Building	None Detected - Drywall Material None Detected - Texture

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Sample Number	Client Sample Description / Location	Asbestos Content

These samples were analyzed by layers. Quantification, unless otherwise noted, is performed by calibrated visual estimate. The test report shall not be reproduced, except in full, without written approval of the laboratory. The results relate only to the items tested. These test results do not imply endorsement by NVLAP or any agency of the U.S. Government. Accredited by the National Voluntary Laboratory Accreditation Program for Bulk Asbestos Fiber Analysis under Lab Code 102056-0.



Analyst(s): Bruce Crabb

Lab Manager : Bruce Crabb

Lab Director : Steve Moody

Approved Signatory :

Approved Signatory :

Thank you for choosing Steve Moody Micro Services

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**PLM Detail Report**  
**Supplement to PLM Summary Report**

NVLAP Lab Code 102056-0

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Sample Number	Layer	% Of Sample	Components	% of Layer	Analysis Date	Analyst
1	Fiber Board (Tan / Black)	100%	Wood Fibers Tar Binders	90% 10%	04/22	BC
2	Tar Paper (Black)	100%	Cellulose Fibers Tar Binders	90% 10%	04/22	BC
3	Sand Layer (Light Grey) Roofing Material (Black)	15% 85%	Aggregate Glass Wool Fibers Calcite Tar Binders	100% 20% 35% 45%	04/22	BC
4	Fiberglass Debris (Light Tan)	100%	Glass Wool Fibers Resin Binders	60% 40%	04/22	BC
5	Sand Layer (Light Grey) Roofing Material (Black)  Roofing Tar (Black)	15% 82% 3%	Aggregate Glass Wool Fibers Calcite Tar Binders Tar Binders	100% 20% 35% 45% 100%	04/22	BC
6	Aggregate (Tan) Roofing Tars (Black) Roofing Felts (Black)  Fiber Board (Tan / Black)	15% 30% 25% 30%	Aggregate Tar Binders Cellulose Fibers Tar Binders Wood Fibers Tar Binders	100% 100% 85% 15% 90% 10%	04/22	BC
7	Foam Insulation (Light Yellow) Facing Material (Silver)	95% 5%	Synthetic Foam Vinyl Binders	100% 100%	04/22	BC
8	Fiber Board (Tan / Black)	100%	Wood Fibers Tar Binders	90% 10%	04/22	BC
9	Drywall Material (White)  DW Paper Facing (Tan) Paint (White/Grey/Black)	85%  12% 3%	Cellulose Fibers Gypsum / Binders Cellulose Fibers Pigment / Binders	5% 95% 100% 100%	04/22	BC

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Sample Number	Layer	% Of Sample	Components	% of Layer	Analysis Date	Analyst
10	Drywall Material (White)	85%	Glass Wool Fibers	2%	04/22	BC
			Cellulose Fibers	1%		
			Gypsum / Binders	97%		
	DW Paper Facing (Tan)	12%	Cellulose Fibers	100%		
	Texture (White)	3%	Calcite / Talc / Binders	100%		
11	Drywall Material (White)	80%	Glass Wool Fibers	2%	04/22	BC
			Gypsum / Binders	98%		
			Cellulose Fibers	100%		
	DW Paper Facing (Tan)	15%	Cellulose Fibers	100%		
	Texture (White)	5%	Calcite / Talc / Binders	100%		
12	Drywall Material (White)	80%	Glass Wool Fibers	2%	04/22	BC
			Gypsum / Binders	98%		
			Cellulose Fibers	100%		
	DW Paper Facing (Tan)	15%	Cellulose Fibers	100%		
	Texture (White)	5%	Calcite / Talc / Binders	100%		